

1163G

**Helaktyl Red D-B**

See 2,7-Naphthalenedisulfonic acid, 5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-sulfonylphenyl)azo]-, trisodium salt [41423-92-1]

**Helaktyl Red D 3B**

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-[(2,5-disulfonylphenyl)amino]-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-sulfonylphenyl)azo]- [96384-87-1]

**Helaktyl Red D 5B**

See 2,7-Naphthalenedisulfonic acid, 5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-sulfonylphenyl)azo]-, trisodium salt [34911-79-0]

**Helaktyl Red D 8B**

See C.I. Reactive Red 31 [12237-00-2]

**Helaktyl Red D 5BE**

See C.I. Reactive Red 120:1 [144940-92-1]

**Helaktyl Red D-BN**

See C.I. Reactive Red 246 [145268-62-8]

**Helaktyl Red D 5BN**

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-(methylphenylamino)-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-methyl-2-sulfonylphenyl)azo]-, trisodium salt [70210-46-7]

**Helaktyl Red D 8BN**

See C.I. Reactive Red 31:1 [145268-61-7]

**Helaktyl Red D-BNE**

See C.I. Reactive Red 141:1 [144940-93-2]

**Helaktyl Red F 4BAN**

See 2,7-Naphthalenedisulfonic acid, 5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-methyl-2-sulfonylphenyl)azo]-, trisodium salt [61109-27-1]

**Helaktyl Scarlet D 2GE**

See 2-Naphthalenesulfonic acid, 7-[(4-chloro-6-[(3-sulfonylphenyl)amino]-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-methoxy-2-sulfonylphenyl)azo]-, trisodium salt [64181-81-3]

**Helaktyl Violet DE 3R**

See C.I. Reactive Violet 42 [190793-41-0]

**Helaktyl Violet D 2R**

See Cuprate(3-), [5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-(hydroxy-κO)-3-[(2-(hydroxy-κO)-5-sulfonylphenyl)azo-κN<sup>1</sup>]-2,7-naphthalenedisulfonato(5-)]-, trisodium, mixt. with trisodium [5-[(4-chloro-6-phenoxy-1,3,5-triazin-2-yl)amino]-4-(hydroxy-κO)-3-[(2-(hydroxy-κO)-5-sulfonylphenyl)azo-κN<sup>1</sup>]-2,7-naphthalenedisulfonato(5-)]cuprate(3-)] [8063-57-8]

**Helaktyl Yellow D 5G**

See Benzenesulfonic acid, 2-[(4-chloro-6-[(4-sulfonylphenyl)amino]-1,3,5-triazin-2-yl)amino]-4-[(1-(2,5-dichloro-4-sulfonylphenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl)azo]-, trisodium salt [34930-57-9]

**Helaktyl Yellow D 3GE**

See C.I. Reactive Yellow 35 [12226-59-4]

**Helaktyl Yellow D 4GN**

See C.I. Reactive Yellow 18 [12226-48-1]

**Helaktyl Yellow D 5GN**

See Benzenesulfonic acid, 4-[(4-chloro-6-[(4-sulfonylphenyl)amino]-1,3,5-triazin-2-yl)amino]-2-[(1-(2,5-dichloro-4-sulfonylphenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl)azo]-, trisodium salt [50662-99-2]

**Helaktyl Yellow D-GRE**

See 1,5-Naphthalenedisulfonic acid, 3-[(2-(acetylaminophenyl)-4-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]phenyl)azo]- [6539-67-9]

**Helaktyl Yellow D-GRN**

See C.I. Reactive Yellow 183 [145268-63-9]

**Helaktyl Yellow D 2R**

See C.I. Reactive Orange 114 [93356-78-6]

**Helaktyl Yellow F 5G**

See Benzenesulfonic acid, 2,5-dichloro-4-[(5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-2-sulfonylphenyl)azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl-, disodium salt [5089-16-7]

**Helanca**

See Polyamide fibers

**Helanthrene Blue BC**

See 5,9,14,18-Anthrazinetetrone, 7,16-dichloro-6,15-dihydro- [130-20-1]

**Helanthrene Blue GCD**

See 5,9,14,18-Anthrazinetetrone, chloro-6,15-dihydro- [1324-27-2]

**Helanthrene Green B**

See Anthra[9,1,2-cde]benzo[rs]pentaphene-5,10-dione, 16,17-dimethoxy- [128-58-5]

**Helanthrene Green 2G**

See Anthra[9,1,2-cde]benzo[rs]pentaphene-5,10-dione, dibromo-16,17-dimethoxy- [25704-81-8]

**Helanthrene Olive BT**

See Anthra[2,1,9-mna]naphth[2,3-h]acridine-5,10,15(16H)-trione, 3-[(9,10-dihydro-9,10-dioxo-1-anthracenyl)amino]- [4395-53-3]

**Helanthrene Olive T**

See Anthra[2,1,9-mna]naphth[2,3-h]acridine-5,10,15(16H)-trione, 3-[(9,10-dihydro-9,10-dioxo-1-anthracenyl)amino]- [4395-53-3]

**Helanthrene Orange RK**

See Dibenzo[def,mno]chrysene-6,12-dione, 4,10-dibromo- [4378-61-4]

**Helanthrene Yellow GOK**

See Dibenzo[def,mno]chrysene-7,14-dione [128-66-5]

**Helanthrene Yellow RK**

See Dibenzo[def,mno]chrysene-7,14-dione, dibromo- [1324-11-4]

**Helapox**

See Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, polymer with Epilox A 20-00 [130473-46-0]

**Helarcos malayanus**

See Ursus malayanus

**Helarion**

See Metaldehyde [37273-91-9]

**Helasol Green 2G**

See Anthra[9,1,2-cde]benzo[rs]pentaphene-5,10-diol, dibromo-16,17-dimethoxy-, bis(hydrogen sulfate), disodium salt [1324-72-7]

**Helasol Violet 4R**

See Dibenzo[def,mno]chrysene-6,12-diol, diethoxy-, bis(hydrogen sulfate), disodium salt [1324-23-8]

**Helastic**

See also Polyurethanes

**Helastic 1356**

See Urethane rubber

**Helastic 1360**

See Urethane rubber

**Helastic 10147LV**

See Urethane rubber

**Helatac**

See Carbamic acid, (5-butyl-1H-benzimidazol-2-yl)-, methyl ester [14255-87-9]

**Helavin T 12**

See Glycine, N,N'-1,2-ethanediyldis(N-(carboxymethyl)-, compounds, trisodium salt, mixt. with dodecanamide [115902-64-2]

**HEL cell**

Valid heading during volumes 126-130 (1997-June 1999) only

See Animal cell line, HEL

**Heldrichinic acid**

See 1-Phenanthrenecarboxylic acid, 1,2,3,4,4a,6,7,8,8a,9,10,10a-dodecahydro-8a-hydroxy-1,4a-dimethyl-7-(1-methylethenyl)-9-oxo-, (1R,4aS,7R,8aR,10aR)- [170969-80-9]

**Helenalin**

See Azuleno[6,5-b]furan-2,5-dione, 3,3a,4,4a,7a,8,9,9a-octahydro-4-hydroxy-4a,8-dimethyl-3-methylene-, (3aS,4S,4aR,7aR,8R,9aR)- [6754-13-8]

**—, tetrahydro-**

See Azuleno[6,5-b]furan-2,5-dione, decahydro-4-hydroxy-3,4a,8-trimethyl-, (3S,3aS,4S,4aR,7aS,8R,9aR)- [10236-32-5]

**Heleniamarin**

See 2H-1,4-Dioxadicyclopent[cd,fl]azulene-3,9-dione, 2a,4a,5,6,8,9a,9b,9c-octahydro-2-hydroxy-2,2a,6,9a-tetramethyl-, [2S-(2a,2aβ,4aα,6β,9aα,9bβ,9cβ)]- [66607-74-7]

**Helenien**

See β,ε-Carotene-3,3'-diol, dihexadecanoate, (3R,3'R,6'R)- [547-17-1]

**Helenin**

See Naphtho[2,3-b]furan-2(3H)-one, 3a,5,6,7,8,8a,9,9a-octahydro-5,8a-dimethyl-3-methylene-, (3aR,5S,8aR,9aR)- [546-43-0]

**Helenium lactone**

(-)- see Azuleno[6,5-b]furan-2(3H)-one, 3a,4,4a,5,6,7,7a,9a-octahydro-5-hydroxy-5,8-dimethyl-3-methylene-, (3aR,4aR,5R,7aR,9aR)- [21688-81-3]

**Helenium tenuifolium**

See Helenium amarum

**Helenium virus S****Helenynolic acid**

See 10-Octadecen-12-ynoic acid, 9-hydroxy-, (9S,10E)- [7309-58-2]

**Helepuberic acid**

See 6,10-Undecadienoic acid, 9-(hydroxymethyl)-2,6,10-trimethyl- [71051-84-8]

**Heleusine**

See Butanoic acid, 2-hydroxy-2-[(1R)-1-methoxyethyl]-3-methyl-, [(7aS)-2,3,5,7a-tetrahydro-1H-pyrrolizin-7-yl]methyl ester, (2S)- [488-00-6]

**Helfergerin**

See Acetic acid, (4-chlorophenoxy)-, 2-(dimethylamino)ethyl ester, hydrochloride [3685-84-5]

**Heliamine**

See Isoquinoline, 1,2,3,4-tetrahydro-6,7-dimethoxy- [1745-07-9]

**Helianane**

See 2H-1-Benzoxocin, 3,4,5,6-tetrahydro-2,2,6,9-tetramethyl-, (6S)- [187874-54-0]

**Heliane Olive F-JR**

See C.I. Vat Green 7 [1328-12-7]

**Heliane Yellow J**

See Anthra[2,1-d:6,5-d']bisthiazole-6,12-dione, 2,8-diphenyl- [129-09-9]

**Heliangin**

See 2-Butenoic acid, 2-methyl-, (1aR,3S,4E,5aR,8aR,9R,10aR)-1a,2,3,5a,7,8,8a,9,10,10a-decahydro-3-hydroxy-4,10a-dimethyl-8-methylene-7-oxooxireno[5,6]cyclodeca[1,2-b]furan-9-yl ester, (2E)- [13323-48-3]

**—, dihydro-**

See 2-Butenoic acid, 2-methyl-, 1a,2,3,5a,7,8,8a,9,10,10a-decahydro-3-hydroxy-4,8,10a-trimethyl-7-oxooxireno[5,6]cyclodeca[1,2-b]furan-9-yl ester [10391-32-9]

**Heliangolide**

See Cyclodeca[b]furan-2(3H)-one, 3a,4,5,8,9,11a-hexahydro-9-hydroxy-6,10-dimethyl-3-methylene-, (3aS,6E,9S,10Z,11aR)- [65556-51-6]

**Heliangolidin**

See Cyclodeca[b]furan-2,9(3H,4H)-dione, 4-(acetyloxy)-3a,5,8,11a-tetrahydro-3,6,10-trimethyl-, (3S,3aR,4S,6E,10Z,11aR)- [99102-52-0]

**Heliannone A**

See 2-Propen-1-one, 1-(2-hydroxy-3,4-dimethoxyphenyl)-3-(4-hydroxyphenyl)-, (2E)- [193411-10-8]

**Helianuol A**

See 2H-1-Benzoxocin-3,8-diol, 3,4,5,6-tetrahydro-2,2,6,9-tetramethyl-, (3R,6S)- [148054-17-5]

**Helianuol B**

See 1-Benzoxepin-2-methanol, 2,5-dihydro-7-hydroxy-α,α,5,8-tetramethyl-, (2R,5R)-rel-(-)- [161730-07-0]

**Helianuol C**

See 1-Benzoxepin-3,7-diol, 5-ethenyl-2,3,4,5-tetrahydro-2,2,8-trimethyl-, (3R,5S)-rel-(-)- [161730-08-1]

**Helianuol D**

See 1-Benzoxepin-2-methanol, 2,3,4,5-tetrahydro-7-hydroxy-α,α,5,8-tetramethyl-, (2R,5R)-rel-(+)- [161730-09-2]

**Helianol**

See 1H-Benz[e]indene-6-propanol, 3-[(1S)-1,5-dimethyl-4-hexenyl]dodecahydro-3a,5a,9b-trimethyl-7-(1-methylethylidene)-, (3S,3aS,5aS,6S,9aS,9bR)- [178330-51-3]

**Heliantheneic acid A**

See 3,11-Dodecadiene-6,8-dienoic acid, 10-hydroxy-, (3Z,10R)- [152340-28-8]

**Heliantheneic acid B**

See 9-Decene-4,6-dienoic acid, 8-hydroxy-, (8R)- [151852-49-2]

**Heliantheneic acid C**

See 11-Dodecene-6,8-dienoic acid, 3,10-dihydroxy- [152340-29-9]

**Heliantheneic acid D**

See 10-Undecene-5,7-dienoic acid, 9-hydroxy-, (9R)- [152340-30-2]

**Heliantheneic acid E**

See 4,11-Dodecadiene-6,8-dienoic acid, 3,10-dihydroxy- [152340-31-3]

**Heliantheneic acid F**

See 8-Decene-4,6-dienoic acid, 10-hydroxy-, (8Z)- [51193-97-6]

**Helianthine**

See Benzenesulfonic acid, 4-[(4-(dimethylamino)phenyl)azo]-, sodium salt [547-58-0]

**Helianthoidin**

See 2-Butenoic acid, 2-methyl-, (3S,4S)-3-(1,3-benzodioxol-5-ylmethyl)-4-[(3,4-dimethoxyphenyl)methyl]tetrahydro-2-oxo-3-furanyl ester, (2Z)- [18884-21-4]

**Helianthol**

See 1H-Benz[e]indene-6-propanol, 3-[(1R)-1,5-dimethyl-4-hexenyl]dodecahydro-6,9a,9b-trimethyl-7-(1-methylethylidene)-, (3R,3aR,5aS,6R,9aR,9bR)- [106055-26-9]

**Helianthol A**

See 4,6-Heptadien-2-ol, 2-methyl-6-[(1R)-4-methyl-3-cyclohexen-1-yl]-, (4E)- [72916-06-4]

**Helianthol B**

See 3-Cyclohexen-1-ol, 4-methyl-1-(5-methyl-1-methylene-4-hexenyl)-, (+)- [72916-05-3]

**Helianthoside**

See Cholestane-3,6,8,15-tetrol, 24-[(3-O-sulfo-β-D-xylopyranosyl)oxy]-, monosodium salt, (3β,5α,6α,15α,24S)- [151113-62-1]

**Helianthoside 1**

See Olean-12-en-28-oic acid, 3-[(O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-β-D-xylopyranosyl-(1→4))-β-D-glucopyranosyl]oxy]-, O-β-D-glucopyranosyl-(1→4)-O-6-deoxy-α-L-mannopyranosyl-(1→2)-α-L-arabinopyranosyl ester, (3β)- [139051-63-1]

**Helianthoside 2**

See Olean-12-en-28-oic acid, 3-[(O-6-deoxy-α-L-mannopyranosyl-(1→3)-O-β-D-xylopyranosyl-(1→4))-β-D-glucopyranosyl]oxy]-16-hydroxy-, O-β-D-glucopyranosyl-(1→4)-O-6-deoxy-α-L-mannopyranosyl-(1→2)-α-L-arabinopyranosyl ester, (3β,16α)- [139077-64-8]

**Helianthoside 3**

See Olean-12-en-28-oic acid, 3-[(O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-β-D-xylopyranosyl-(1→4))-β-D-glucopyranosyl]oxy]-16-hydroxy-, O-β-D-glucopyranosyl-(1→4)-O-6-deoxy-α-L-mannopyranosyl-(1→2)-β-D-glucopyranosyl ester, (3β,16α)- [139077-65-9]

**Helianthoside A**

See Olean-12-en-28-oic acid, 3-[(O-6-deoxy-α-L-mannopyranosyl-(1→4)-O-6-deoxy-α-L-mannopyranosyl-(1→3)-O-β-D-xylopyranosyl-(1→6))-β-D-glucopyranosyl]oxy]-16-hydroxy-, (3β,16α)- [139164-70-8]

**Helianthoside B**

See Olean-12-en-28-oic acid, 3-[(O-6-deoxy-4-O-D-xylopyranosyl-L-mannopyranosyl)oxy]-16-hydroxy-, O-D-glucopyranosyl-(1→4)-O-6-deoxy-α-L-mannopyranosyl-(1→2)-L-arabinopyranosyl ester, (3β,16α)- [29108-67-6]

**Helianthrene**

See Dibenzo[a,o]perylene [190-36-3]

**Helianthrone**

See Dibenzo[a,o]perylene-7,16-dione [475-63-8]

**Helianthus annuus**

See Sunflower

**Helianthus tuberosus**

See Jerusalem artichoke (*Helianthus tuberosus*)

**Hel**

## Helical chains

- Helical chains**  
Valid heading during volumes 126-130 (1997-June 1999) only  
See *Chemical chains*, helical
- Helicallene-16-al**  
See 2,6,9-Undecatrienal, 2,6-dimethyl-10-(4-methyl-3-cyclohexen-1-yl)-, (2E,6E,9E)- [72145-14-3]
- Helicascolide A**  
See 2H-Pyran-2-one, tetrahydro-4-hydroxy-3,3,5-trimethyl-6-[(1E)-1-methyl-1-propenyl]-, (4R,5S,6S)-rel-(-)- [121350-98-9]
- Helicascolide B**  
See 2H-Pyran-2-one, tetrahydro-4-hydroxy-3,3,5-trimethyl-6-[(1E)-1-methyl-1-propenyl]-, (4R,5R,6R)-rel-(-)- [121325-38-0]
- Helicase**  
—, deoxyribonucleic  
See *Enzymes*, DNA helicases
- Helicases (DNA)**  
See *Enzymes*, DNA helicases
- Helicases (RNA)**  
See *Enzymes*, RNA-unwinding, helicases
- [5]Helicene**  
See Dibenzo[c,g]phenanthrene [188-52-3]
- [6]Helicene**  
See Phenanthro[3,4-c]phenanthrene [187-83-7]
- [7]Helicene**  
See Dinaphtho[2,1-c:1',2'-g]phenanthrene [16914-68-4]
- [8]Helicene**  
See Naphtho[2,1-c:7,8-c']diphenanthrene [20495-12-9]
- [9]Helicene**  
See Diphenanthro[3,4-c:4',3'-g]phenanthrene [20495-14-1]
- [10]Helicene**  
See Dibenzo[g,g']naphtho[2,1-c:7,8-c']diphenanthrene [57520-29-3]
- [11]Helicene**  
See Bisbenzo[5,6]phenanthro[3,4-c:4',3'-g]phenanthrene [57468-45-8]
- [12]Helicene**  
See Dinaphtho[1,2-g:1',2'-g']naphtho[2,1-c:7,8-c']diphenanthrene [57468-46-9]
- [13]Helicene**  
See Bisnaphtho[1',2':5,6]phenanthro[3,4-c:4',3'-g]phenanthrene [24386-06-9]
- [14]Helicene**  
See Diphenanthro[4,3-g:4',3'-g']naphtho[2,1-c:7,8-c']diphenanthrene [57483-71-3]
- [18]Helicene**  
See Bisnaphtho[1',2':5,6]phenanthro[4,3-g:4',3'-g']naphtho[2,1-c:7,8-c']diphenanthrene [204521-93-7]
- Helicerastripyrene**  
See 2H-Pyran-2-one, 3-[[6-acetyl-3,4-dihydro-5,7-dihydroxy-2-methyl-2-(4-methyl-3-pentenyl)-2H-1-benzopyran-8-yl]methyl]-6-ethyl-4-hydroxy-5-methyl- [96552-40-8]
- Helichromanochalcone**  
See 2-Propen-1-one, 1-(3,4-dihydro-3,7-dihydroxy-5-methoxy-2,2-dimethyl-2H-1-benzopyran-8-yl)-3-phenyl-, (2E)- [72247-81-5]
- Helichrysetin**  
See 2-Propen-1-one, 1-(2,4-dihydroxy-6-methoxyphenyl)-3-(4-hydroxyphenyl)-, (2E)- [62014-87-3]
- Helichrysin**  
See 2-Propen-1-one, 1-(4-(D-glucopyranosyloxy)-2-hydroxy-6-methoxyphenyl)-3-(4-hydroxyphenyl)- [61826-89-9]
- Helichrysin A**  
See 4H-1-Benzopyran-4-one, 5-(β-D-glucopyranosyloxy)-2,3-dihydro-7-hydroxy-2-(4-hydroxyphenyl)-, (2S)- [529-41-9]
- Helichrysin B**  
See 4H-1-Benzopyran-4-one, 5-(β-D-glucopyranosyloxy)-2,3-dihydro-7-hydroxy-2-(4-hydroxyphenyl)- [23711-00-4]
- Helichrysinide**  
See 4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-3-[[6-O-[(2E)-3-(4-hydroxyphenyl)-1-oxo-2-propenyl]-β-D-glucopyranosyl]oxy]- [56343-26-1]
- Helicide**  
See Benzaldehyde, 4-(β-D-allopyranosyloxy)- [80154-34-3]
- Helicidol**  
See β-D-Allopyranoside, 4-(hydroxymethyl)phenyl [106982-96-1]
- Helicin**  
See Benzaldehyde, 2-(β-D-glucopyranosyloxy)- [618-65-5]
- Helicity**  
See also related: *Elementary particles*
- Heliclacone**  
See Naphtho[1,8-bc]pyran-2(4H)-one, 5,6-dihydro-7,8-dihydroxy-3,6,9-trimethyl- [117978-79-7]
- Helicobasidin**  
See 2,5-Cyclohexadiene-1,4-dione, 2,5-dihydroxy-3-methyl-6-[(1S)-1,2,2-trimethylcyclopentyl]- [13491-25-3]
- , deoxy—  
See 2,5-Cyclohexadiene-1,4-dione, 3-hydroxy-2-methyl-5-[(1S)-1,2,2-trimethylcyclopentyl]- [13491-69-5]
- Helicostatin 2**  
See Cydiastatin 2 [134760-78-4]
- Helicostatin 3**  
See Cydiastatin 3 [197461-52-2]
- Helicostatin 4**  
See Cydiastatin 4 [151898-99-6]
- Helicoverpa armigera stunt virus**
- Helicoverpa virescens**  
See *Heliothis virescens*
- Helicoverpa zea**  
Bollworm, corn earworm and tomato fruitworm are also indexed at this heading
- Helicoverpa zea nucleopolyhedrovirus**

## Helicquinone

See Naphtho[1,8-bc]pyran-7,8-dione, 2,3-dihydro-4-hydroxy-3,6,9-trimethyl- [13383-59-0]

## Helicteric acid

See Lup-20(29)-en-28-oic acid, 3-(acetyloxy)-27-(benzoyloxy)-, (3β)- [102637-04-7]

## Helicteric acid

See Olean-12-en-28-oic acid, 3-(acetyloxy)-27-(benzoyloxy)-, (3β)- [102637-05-8]

## Heliculin A

See 2-Pentenedioic acid, 3-methyl-, 1-[(7S)-5-chloro-3-[(1E,3E,5S)-3,5-dimethyl-1,3-heptadienyl]-7,8-dihydro-7-methyl-6,8-dioxo-6H-2-benzopyran-7-yl] ester, (2E)- [157489-72-0]

## Heliculin B

See 2-Pentenedioic acid, 3-methyl-, 1-[(7S)-5-chloro-3-[(1E,3E,5S)-3,5-dimethyl-1,3-heptadienyl]-7,8-dihydro-7-methyl-6,8-dioxo-6H-2-benzopyran-7-yl] ester, (2Z)- [157544-54-2]

## Heliculin C

See 2-Pentenedioic acid, 3-methyl-, 5-[(7S)-5-chloro-3-[(1E,3E,5S)-3,5-dimethyl-1,3-heptadienyl]-7,8-dihydro-7-methyl-6,8-dioxo-6H-2-benzopyran-7-yl] ester, (2Z)- [157489-73-1]

## Heliculin D

See 2-Pentenedioic acid, 3-methyl-, 5-[(7S)-5-chloro-3-[(1E,3E,5S)-3,5-dimethyl-1,3-heptadienyl]-7,8-dihydro-7-methyl-6,8-dioxo-6H-2-benzopyran-7-yl] ester, (2E)- [157544-53-1]

## Heliettin

See 7H-Furo[3,2-g][1]benzopyran-7-one, 6-(1,1-dimethyl-2-propenyl)-2,3-dihydro-2-(1-hydroxy-1-methylethyl)- [33054-89-6]

## Heliflex Chirasil-Val

See Polysiloxanes, [||||(dimethylethyl)amino]carbonyl[methylpropyl]aminomethyloxopropyl Me Ph

## Helifoline

See 2-Butenoic acid, 2-methyl-, [(1R,2R,7R,7aR)-hexahydro-2,7-dihydroxy-1H-pyrrolizin-1-yl]methyl ester, (2Z)- [80787-56-0]

## Helifolinecine

See 1H-Pyrrolizine-1,6-diol, hexahydro-7-(hydroxymethyl)-, (1R,6R,7R,7aR)- [41690-66-8]

## Helifulvane

See 8,9a-Methano-9aH-cyclopropa[b]phenanthrene, tetradecahydro-4,4,7a,9b-tetramethyl-, (4aR,6aS,8R,8aS,9bR)- [73100-59-1]

## Helifulvanic acid

See 8,9a-Methano-9aH-cyclopropa[b]phenanthrene-4-carboxylic acid, tetradecahydro-4,7a,9b-trimethyl-, (4R,4aS,6aS,8R,8bS,9bR)- [75678-88-5]

## Helifulvanolic acid

See 8,9a-Methano-9aH-cyclopropa[b]phenanthrene-4-carboxylic acid, tetradecahydro-9-hydroxy-4,7a,9b-trimethyl-, (4R,4aS,6aS,7aS,8S,8aR,9R,9aS,9bR)- [73100-55-7]

## Heligmosomoides polygyrus

See *Nematospirioles dubius*

## Helihumulone

See 2,4-Cyclohexadien-1-one, 3,5-dihydroxy-6-methoxy-4,6-bis(3-methyl-2-butenyl)-2-(1-oxo-3-phenylpropyl)- [72247-83-7]

## Helikrausichalcone

See 2-Propen-1-one, 1-(3,4-dihydro-3,5,7-trihydroxy-2,2-dimethyl-2H-1-benzopyran-6-yl)-3-phenyl-, (2E)- [122585-71-1]

## Helilandin A

See 2-Propen-1-one, 1-(4,6-dimethoxy-1,3-benzodioxol-5-yl)-3-phenyl-, (2E)- [70185-50-1]

## Helilandin B

See 2-Propen-1-one, 1-(6-hydroxy-2,3,4-trimethoxyphenyl)-3-phenyl-, (2E)- [70185-52-3]

## Helilupolone

See 2,4-Cyclohexadien-1-one, 3,5-dihydroxy-4,6,6-tris(3-methyl-2-butenyl)-2-(1-oxo-3-phenylpropyl)- [72247-85-9]

## Helindon Green B

See 3H-Benz[fl]indol-3-one, 9-chloro-1,2-dihydro-2-(4-methoxy-1-oxo-2(1H)-naphthalenylidene)- [6219-61-0]

## Helindon Pink CN

See Benzo[b]thiophen-3(2H)-one, 6-chloro-2-(6-chloro-4-methyl-3-oxobenzo[b]thien-2(3H)-ylidene)-4-methyl- [2379-74-0]

## Helindon Scarlet S

See Benzo[b]thiophen-3(2H)-one, 6-(ethylthio)-2-(6-(ethylthio)-3-oxobenzo[b]thien-2(3H)-ylidene)- [6371-17-1]

## Helinudichromene quinone

See 2H-1-Benzopyran-5,8-dione, 7-methoxy-2-methyl-6-(2-methyl-1-oxopropyl)-2-(4-methyl-3-pentenyl)- [103766-14-9]

## Helinudifolin

See 1-Propanone, 2-methyl-1-(2,4,6-trihydroxy-5-[(1S)-1-(4-hydroxy-6-methoxy-1,3-benzodioxol-5-yl)-2-methylpropyl]-3-(3-methyl-2-butenyl)phenyl)- [103766-15-0]

## Helinudiquinone

See 2,5-Cyclohexadiene-1,4-dione, 2-[(2E)-3,7-dimethyl-2,6-octadienyl]-3,5-dihydroxy-6-(2-methyl-1-oxopropyl)- [103766-17-2]

## Heliobond

See 2-Propenoic acid, 2-methyl-, esters, 1,2-ethanedithiylbis(oxy-2,1-ethanedithiyl) ester, polymer with (1-methylethylidene)bis[4,1-phenyleneoxy-(2-hydroxy-3,1-propanediyl)] bis(2-methyl-2-propenoate) [26426-05-1]

## Heliobupthalmin

See Butanedioic acid, 2,3-bis(1,3-benzodioxol-5-ylmethyl)-, dimethyl ester [66547-91-9]

## Heliobupthalmin lactone

See 2(3H)-Furanone, 3,4-bis(1,3-benzodioxol-5-ylmethyl)dihydro-, (3R,4R)-rel- [103063-07-6]

Heliocide B<sub>1</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2-hydroxy-3-methoxy-7,10a-dimethyl-8-(3-methyl-2-butenyl)-4-(1-methylethyl)-9,10-dioxo-, (8R,8aS,10aR)-rel- [64872-35-1]

Heliocide B<sub>2</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2-hydroxy-3-methoxy-10a-methyl-4-(1-methylethyl)-7-(4-methyl-3-pentenyl)-9,10-dioxo-, (8aR,10aS)-rel- [69734-89-0]

Heliocide B<sub>3</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2-hydroxy-3-methoxy-10a-methyl-4-(1-methylethyl)-6-(4-methyl-3-pentenyl)-9,10-dioxo-, (8aR,10aS)-rel- [69734-90-3]

Heliocide B<sub>4</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2-hydroxy-3-methoxy-6,10a-dimethyl-5-(3-methyl-2-butenyl)-4-(1-methylethyl)-9,10-dioxo-, (5R,8aS,10aR)-rel- [69734-91-4]

Heliocide H<sub>1</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2,3-dihydroxy-7,10a-dimethyl-8-(3-methyl-2-butenyl)-4-(1-methylethyl)-9,10-dioxo-, (8R,8aS,10aR)-rel- [65024-84-2]

Heliocide H<sub>2</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2,3-dihydroxy-10a-methyl-4-(1-methylethyl)-7-(4-methyl-3-pentenyl)-9,10-dioxo-, (8aR,10aS)-rel- [63525-06-4]

Heliocide H<sub>3</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2,3-dihydroxy-10a-methyl-4-(1-methylethyl)-6-(4-methyl-3-pentenyl)-9,10-dioxo-, (8aR,10aS)-rel- [64960-69-6]

Heliocide H<sub>4</sub>

See 1-Anthracenecarboxaldehyde, 5,8,8a,9,10,10a-hexahydro-2,3-dihydroxy-6,10a-dimethyl-5-(3-methyl-2-butenyl)-4-(1-methylethyl)-9,10-dioxo-, (5R,8aS,10aR)-rel- [64960-68-5]

## Heliocoromandaline

See Butanoic acid, 2,3-dihydroxy-2-(1-methyl-ethyl)-, [(1S,7aS)-hexahydro-1H-pyrrolizin-1-yl]methyl ester, (2R,3R)- [82354-33-4]

## Heliocurassavicine

See Butanoic acid, 2,3-dihydroxy-2-(1-methyl-ethyl)-, [(1S,7aS)-hexahydro-1H-pyrrolizin-1-yl]methyl ester, (2R,3S)- [82354-34-5]

## Heliocurassavine

See Pentanoic acid, 2-hydroxy-2-(1-hydroxyethyl)-3-methyl-, (hexahydro-1H-pyrrolizin-1-yl)methyl ester [82398-74-1]

## Heliocurassavinine

See Butanoic acid, 2,3-dihydroxy-2-(1-methyl-ethyl)-, [(1S,7aR)-hexahydro-1H-pyrrolizin-1-yl]methyl ester, (2R,3S)- [82374-02-5]

## Helio Fast Blue GO

See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>, κN<sup>30</sup>, κN<sup>31</sup>, κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]

## Helio Fast Blue HG

See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>, κN<sup>30</sup>, κN<sup>31</sup>, κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]

## Helio Fast Brilliant Yellow GR

See Butanamide, N,N'-(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis[2-[(5-chloro-2-methylphenyl)azo]-3-oxo-] [5905-17-9]

## Helio Fast Carmine BB

See 2-Naphthalenecarboxamide, N-(4-chloro-2,5-dimethoxyphenyl)-3-hydroxy-4-[[2-methoxy-5-[(phenylamino)carbonyl]phenyl]azo]- [5280-68-2]

## Helio Fast Pink R

See Benzamide, N-(9,10-dihydro-4-hydroxy-9,10-dioxo-1-anthracenyl)- [6409-74-1]

## Helio Fast Red BBN

See 2-Naphthalenecarboxamide, 3-hydroxy-N-(2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]- [6535-46-2]

## Helio Fast Red GG

See C.I. Pigment Red 164 [12216-95-4]

## Heliofast Red Violet EE

See Diindolo[3,2-b:3',2'-m]triphenodioxazine, 8,18-dichloro-5,15-diethyl-5,15-dihydro- [6358-30-1]

## Helio Fast Yellow 3GL

See Benzamide, N-(9,10-dihydro-9,10-dioxo-1-anthracenyl)-2-hydroxy- [4981-43-5]

## Helio Fast Yellow GRN

See Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxo-] [5102-83-0]

## Helio Fast Yellow 2GX

See Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo- [6358-31-2]

## Helio Fast Yellow HRN

See Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo-] [5567-15-7]

## Helio Fast Yellow Toner 6B

See Benzenesulfonic acid, 3-nitro-4-[[2-oxo-1-[(phenylamino)carbonyl]propyl]azo]-, calcium salt (2:1) [12286-65-6]

## Heliofor 2BC

See Benzenesulfonic acid, 2,2'-[(1,2-ethenediyl)bis[5-[(6-amino-1,4-dihydro-4-oxo-1,3,5-triazin-2-yl)amino]-, disodium salt [32664-98-5]

## Heliofor 5BC

See C.I. Fluorescent Brightener 332 [73070-82-3]

## Heliofor CAS

See C.I. Fluorescent Brightener 114 [12270-51-8]

## Heliofor CSP

See Benzenesulfonic acid, 2,2'-[(1,2-ethenediyl)bis[5-[[4-methoxy-6-(phenylamino)-1,3,5-triazin-

2-ylamino]-, disodium salt [3426-43-5]  
**Heliofor P**  
 See Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-  
 [(4-[bis(2-hydroxyethyl)amino]-6-[(3-  
 sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-  
 , tetrasodium salt [12224-02-1]  
**Heliofor V**  
 See C.I. Fluorescent Brightener 249 [11115-89-2]  
**Heliofen Blue 6470**  
 See 5,9,14,18-Anthrazinetetrone, 6,15-dihydro-  
 [81-77-6]  
**Heliofen Blue 6840**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue 6960**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue 7080**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue 7100**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue 7560**  
 See 29H,31H-Phthalocyanine [574-93-6]  
**Heliofen Blue 7800**  
 See 29H,31H-Phthalocyanine [574-93-6]  
**Heliofen Blue A**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue BG**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue D 6840**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue D 6920**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue D 7030**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue D 7072**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue D 7080**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue D 7560**  
 See 29H,31H-Phthalocyanine [574-93-6]  
**Heliofen Blue D 7565**  
 See 29H,31H-Phthalocyanine [574-93-6]  
**Heliofen Blue D 7072D**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue G**  
 See 29H,31H-Phthalocyanine [574-93-6]  
**Heliofen Blue K**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue K 6840**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue K 6902**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue K 7080**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue K 7090**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue K 6911D**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 6700**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 6900**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 6920**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 7020**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 7080**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 7560**  
 See 29H,31H-Phthalocyanine [574-93-6]  
**Heliofen Blue LBG**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 7043D**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 7072D**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 6700F**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 6975F**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 6980F**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue L 7101F**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue SBL**  
 See Cuprate(2-), [29H,31H-phthalocyanine-C,C-  
 disulfonato(4-)-κN<sup>29</sup>,κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-,  
 disodium [1330-38-7]  
**Heliofen Blue SBP**  
 See Cuprate(4-), [29H,31H-phthalocyanine-C,C,C-  
 C-tetrasulfonato(6-)-κN<sup>29</sup>,κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-,  
 tetrasodium [27360-85-6]

**Heliofen Blue 7044T**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Blue WX**  
 See Copper, [29H,31H-phthalocyaninato(2-)-κN<sup>29</sup>,  
 κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-, (SP-4-1)- [147-14-8]  
**Heliofen Green 8680**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green 8730**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green 9360**  
 See Copper, [1,3,8,16,18,24-hexabromo-2,4,9,10,11-  
 15,17,22,23,25-decachloro-29H,31H-  
 phthalocyaninato(2-)-κN<sup>29</sup>,κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-,  
 (SP-4-2)- [14302-13-7]  
**Heliofen Green A**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green D 8730**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green GN**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green 8681K**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green K 8730**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green K 9360**  
 See Copper, [1,3,8,16,18,24-hexabromo-2,4,9,10,11-  
 15,17,22,23,25-decachloro-29H,31H-  
 phthalocyaninato(2-)-κN<sup>29</sup>,κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-,  
 (SP-4-2)- [14302-13-7]  
**Heliofen Green L 8730**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Green L 9361**  
 See Copper, [1,3,8,16,18,24-hexabromo-2,4,9,10,11-  
 15,17,22,23,25-decachloro-29H,31H-  
 phthalocyaninato(2-)-κN<sup>29</sup>,κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-,  
 (SP-4-2)- [14302-13-7]  
**Heliofen Green 8682T**  
 See C.I. Pigment Green 7 [1328-53-6]  
**Heliofen Violet**  
 See Diindolo[3,2-b:3',2'-m]triphenodioxazine, 8,18-  
 dichloro-5,15-diethyl-5,15-dihydro-  
 [6358-30-1]  
**Helional**  
 See 1,3-Benzodioxole-5-propanal, α-methyl-  
 [1205-17-0]  
**Helion Black GF**  
 See C.I. Direct Black 19:1 [85205-18-1]  
**Helion Blue G**  
 See 1,4-Benzenedisulfonic  
 acid, 2-[[4-[[[1-hydroxy-6-(phenyl-  
 amino)-3-sulfo-2-naphthalenyl]azo]-1-  
 naphthalenyl]azo]-6-sulfo-1-naphthalenyl]-  
 azo]-, tetrasodium salt [2503-73-3]  
**Helion Blue RL**  
 See 2-Naphthalenesulfonic  
 acid, 7-amino-4-hydroxy-3-[[6(or  
 7)-sulfo-4-[[6(or  
 7)-sulfo-4-[[3-sulfophenyl]azo]-1-  
 naphthalenyl]azo]-1-naphthalenyl]azo]-, tetra-  
 sodium salt [33540-94-2]  
**Helion Blue 3RL**  
 See 2,7-Naphthalenedisulfonic  
 acid, 4-hydroxy-5-[[4-[[[1-hydroxy-6-  
 (phenylamino)-3-sulfo-2-naphthalenyl]azo]-  
 5-methoxy-2-methylphenyl]azo]-, trisodium  
 salt [3354-97-0]  
**Helion Brown BRSL**  
 See Cuprate(2-), [5-[[4-[[[2-(hydroxy-κO)-6-  
 hydroxy-3-[[2-(hydroxy-κO)-5-sulfophenyl]-  
 azo-κN<sup>1</sup>]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-  
 2-hydroxybenzoato(4-)-], disodium  
 [16071-86-6]  
**Helion Green BL**  
 See Benzoic acid, 2-hydroxy-5-[[4-[[[8-  
 hydroxy-7-[[4-[[[8-hydroxy-3,6-disulfo-1-  
 naphthalenyl]azo]-2-methoxy-5-methylphenyl]-  
 azo]-3,6-disulfo-1-naphthalenyl]amino]-6-  
 (phenylamino)-1,3,5-triazin-2-yl]amino]-  
 phenyl]azo]-, pentasodium salt [6388-26-7]  
**Helion Green 5GL**  
 See Benzoic acid, 5-[[4-[[[4-[[[4-amino-9,10-  
 dihydro-9,10-dioxo-3-sulfo-1-anthracenyl]-  
 amino]-2-sulfophenyl]amino]-6-(phenyl-  
 amino)-1,3,5-triazin-2-yl]amino]phenyl]azo]-  
 2-hydroxy-, trisodium salt [6471-09-6]  
**Helion Orange 3RL**  
 See C.I. Direct Orange 37 [1325-61-7]  
**Helion Pink 2B**  
 See 2-Naphthalenesulfonic  
 acid, 5,5'-[carbonylbis(imino(2-sulfo-4,1-  
 phenylene)azo)]bis[6-amino-4-hydroxy-, tetra-  
 sodium salt [2829-43-8]  
**Helion Pink G**  
 See C.I. Direct Red 101:1 [85205-19-2]  
**Helion Red 8B**  
 See 2-Naphthalenesulfonic  
 acid, 7-(benzoylamino)-4-hydroxy-3-[[4-[[[4-  
 sulfophenyl]azo]phenyl]azo]-, disodium salt  
 [2610-11-9]  
**Helion Red 6BL**  
 See 2,7-Naphthalenedisulfonic  
 acid, 4,4'-[carbonylbis(imino(5-methoxy-2-  
 methyl-4,1-phenylene)azo)]bis[5-hydroxy-,  
 tetrasodium salt [1937-34-4]  
**Helion Red 8BL**  
 See 2,7-Naphthalenedisulfonic  
 acid, 5-amino-4-hydroxy-3-[[4-[[[1-  
 hydroxy-4-sulfo-2-naphthalenyl]azo]-3,3'-  
 dimethyl[1,1'-biphenyl]-4-yl]azo]-, trisodium  
 salt [6420-09-3]  
**Helion Turquoise Blue FGLL**  
 See Cuprate(2-), [29H,31H-phthalocyanine-C,C-  
 disulfonato(4-)-κN<sup>29</sup>,κN<sup>30</sup>,κN<sup>31</sup>,κN<sup>32</sup>]-,  
 disodium [1330-38-7]  
**Helion Violet 2B**  
 See 2-Naphthalenesulfonic  
 acid, 3-[[4-[[[2,4-dimethyl-6-sulfophenyl]-  
 azo]-2-methoxy-5-methylphenyl]azo]-4-  
 hydroxy-7-(phenylamino)-, disodium salt  
 [5489-77-0]

**Helion Violet 2RL**  
 See Cuprate(4-), [μ-[[[7,7'-(carbonyldiimino)bis[4-  
 (hydroxy-κO)-3-[[[2-(hydroxy-κO)-5-  
 sulfophenyl]azo-κN<sup>1</sup>]-2-naphthalenesulfonato]]-  
 (8-)]di-, tetrasodium [15418-16-3]  
**Helion Yellow BRL**  
 See [2,6'-Bibenzothiazole]-7-sulfonic  
 acid, 2,2'''-(azodi-4,1-phenylene)bis[6-  
 methyl-, disodium salt [6537-66-2]  
**Helion Yellow G**  
 See C.I. Direct Yellow 44 [8005-52-5]  
**Heliophan**  
 See Benzoic acid, 2-hydroxy-, esters, 3,3,5-  
 trimethylcyclohexyl ester [118-56-9]  
**Heliofine**  
 See L-Glutamine, N<sup>2</sup>-(1-carboxyethyl)-  
 [124824-10-8]  
**Helioopsis laevis**  
 See Helioopsis helianthoides  
**Helioopsolide**  
 See 2-Butenoic acid, 2-methyl-, (3aR,4R,5R,9R-  
 9aS,9bS)-2,3,3a,4,5,9a,9b-octahydro-4,9-  
 dihydroxy-6,9-dimethyl-3-methylene-2-  
 oxoazuleno[4,5-b]furan-5-yl ester, (2Z)-  
 [117274-13-2]  
**Helioscopin A (a form)**  
 See β-D-Glucopyranose, cyclic  
 1,6-[[[1S)-4,4',5,5',6,6'-hexahydroxy[1,1'-  
 biphenyl]-2,2'-dicarboxylate] cyclic  
 2-1:4-9-[[[4aS,9bS)-3,4,4a,9b-tetrahydro-4,4-  
 4a,6,7-pentahydroxy-3-oxo-1,9-  
 dibenzofuran-1,1-dicarboxylate]  
 3-(3,4,5-trihydroxybenzoate) [161205-09-0]  
**Helioscopin A (b form)**  
 See β-D-Glucopyranose, cyclic  
 2-5:4-7-[[[2S,6S)-3,6-dihydro-2,9,10,11,11-  
 pentahydroxy-3-oxo-2,6-methano-2H-1-  
 benzoxocin-5,7-dicarboxylate] cyclic  
 1,6-[[[1S)-4,4',5,5',6,6'-hexahydroxy[1,1'-  
 biphenyl]-2,2'-dicarboxylate]  
 3-(3,4,5-trihydroxybenzoate) [130036-74-7]  
**Helioscopin B**  
 See β-D-Glucopyranose, cyclic  
 1,6-[[[1S)-4,4',5,5',6,6'-hexahydroxy[1,1'-  
 biphenyl]-2,2'-dicarboxylate]  
 3-(3,4,5-trihydroxybenzoate) [130233-85-1]  
**Helioscopinolide A**  
 See Phenanthro[3,2-b]furan-9(1H)-one, 2,3,4,4a,5,6,10a,11,11a,11b-decahydro-3-hydroxy-4,4,8,11b-tetramethyl-, (3R,4aS,10aR,11aR,11bS)-  
 [84744-64-9]  
**Helioscopinolide B**  
 See Phenanthro[3,2-b]furan-9(1H)-one, 2,3,4,4a,5,6,10a,11,11a,11b-decahydro-3-hydroxy-4,4,8,11b-tetramethyl-, (3S,4aS,10aR,11aR,11bS)-  
 [84799-32-6]  
**Helioscopinolide C**  
 See Phenanthro[3,2-b]furan-2,9(1H,3H)-dione, 4,4a,5,6,10a,11,11a,11b-octahydro-3-hydroxy-4,4,8,11b-tetramethyl-, (3S,4aS,10aR,11aR,11bS)-  
 [84744-65-0]  
**Helioscopinolide D**  
 See Phenanthro[3,2-b]furan-3,9-dione, 1,2,4,4a,5,6,10a,11,11a,11b-decahydro-11a-hydroxy-4,4,8,11b-tetramethyl-, (4aS,10aR,11aR,11bR)-  
 [138686-56-3]  
**Helioscopinolide E**  
 See Phenanthro[3,2-b]furan-3,9-dione, 1,2,4,4a,5,6,10a,11,11a,11b-decahydro-4,4,8,11b-tetramethyl-, (4aS,10aR,11aR,11bS)-  
 [84744-71-8]  
**Helioscopinolide F**  
 See Phenanthro[3,2-b]furan-2,9(1H,3H)-dione, 4,4a,5,6,10a,11,11a,11b-octahydro-4,4,8,11b-tetramethyl-, (4aR,10aR,11aR,11bR)-  
 [178451-14-4]  
**Helioscopinolide H**  
 See Phenanthro[3,2-b]furan-9(1H)-one, 2,3,4,4a,5,6,10a,11,11a,11b-decahydro-3,11a-dihydroxy-4,4,8,11b-tetramethyl-, (3R,4aR,10aR,11aR,11bR)-  
 [178451-15-5]  
**Helioscopinolide I**  
 See Phenanthro[3,2-b]furan-3,9-dione, 4,4a,5,6,10a,11,11a,11b-octahydro-2-hydroxy-4,4,8,11b-tetramethyl-, (4aS,10aR,11aR,11bS)-  
 [178451-16-6]  
**Helioscopinolide L**  
 See 1H-Furo[3',2':6,7]naphtho[1,2-c]pyran-3,9-dione, 4,4a,5,6,10a,11,11a,11b-octahydro-1-hydroxy-4,4,8,11b-tetramethyl-, (1R,4aS,10aR,11aR,11bS)-  
 [178451-17-7]  
**Helioseal**  
 See 2-Propenoic acid, 2-methyl-, esters, 1,2-ethanediyldis(oxy-2,1-ethanediyldiyl) ester, polymer with (1-methylethylidene)bis[4,1-phenyleneoxy-(2-hydroxy-3,1-propanediyl)] bis(2-methyl-2-propenoate) and UEDMA [103469-50-7]  
**Heliosoufre**  
 See Sulfur [7704-34-9]  
**Heliospathine**  
 See Pentanoic acid, 2-hydroxy-2-[(1R)-1-hydroxyethyl]-3-methyl-, (1R,7aR)-(2,3,5,7a-tetrahydro-1-hydroxy-1H-pyrrolizin-7-yl)methyl ester, (2S,3S)- [135683-57-7]  
**Heliospathuline**  
 See Butanoic acid, 2,3-dihydroxy-2-(1-methylethyl)-, (1R,7aR)-2,3,5,7a-tetrahydro-7-(hydroxymethyl)-1H-pyrrolizin-1-yl ester, (2S,3S)- [135683-58-8]  
**Heliosphere**  
 See also related:  
 Solar corona  
 Solar flares  
 Solar nebula  
 Solar radiation  
 Solar wind  
**Heliosupine**  
 See D-erythro-Pentitol, 1,5-dideoxy-4-C-methyl-3-C-[[[(1S,7aR)-2,3,5,7a-tetrahydro-1-[[[2Z]-2-methyl-1-oxo-2-butenyl]oxy]-1H-pyrrolizin-7-yl]methoxycarbonyl]-  
 [32728-78-2]



**Heliothis armigera**

- Heliothis armigera**  
See *Helicoverpa zea*
- Heliothis armigera entomopoxvirus**  
**Heliothis armigera nucleopolyhedrovirus**  
**Heliothis obsoleta**  
See *Helicoverpa zea*
- Heliothis punctigera**  
See *Helicoverpa punctigera*
- Heliothis virescens**  
This heading is used only when the specific taxonomy cannot be established from the original document  
Tobacco budworm is also indexed at this heading
- Heliothis zea**  
See *Helicoverpa zea*
- Heliothis zea virus 1**  
**Heliothrips haemorrhoidalis**  
Greenhouse thrips is also indexed at this heading
- Heliotox**  
See *Benzene, 1,1'-(2,2,2-trichloroethylidene)bis(4-chloro-), compounds, mixt. with toxaphene* [37272-06-3]
- Heliotric acid**  
(-)- see *Butanoic acid, 2-hydroxy-2-[(1R)-1-methoxyethyl]-3-methyl-, (2S)-* [25039-18-3]
- Heliotridane**  
See *1H-Pyrrolizine, hexahydro-1-methyl-, (1S,7aS)-* [517-24-8]  
—, 7,9-dihydroxy-  
(7a)- see *1H-Pyrrolizine-1-methanol, hexahydro-7-hydroxy-, (1S,7S,7aR)-* [21824-59-9]  
—, 7-hydroxy-  
(7a)- see *1H-Pyrrolizine-1-ol, hexahydro-7-methyl-, (1S,7S,7aR)-* [6029-74-9]  
(7b)- see *1H-Pyrrolizine-1-ol, hexahydro-7-methyl-, (1R,7S,7aR)-* [567-39-5]  
—, 9-hydroxy-  
See *1H-Pyrrolizine-1-methanol, hexahydro-, (1S,7aS)-* [526-63-6]
- Heliotridine**  
See *1H-Pyrrolizine-7-methanol, 2,3,5,7a-tetrahydro-1-hydroxy-, (1S,7aR)-* [520-63-8]  
—, 7-angelyl-  
See *2-Butenoic acid, 2-methyl-, (1S,7aR)-2,3,5,7a-tetrahydro-7-(hydroxymethyl)-1H-pyrrolizin-1-yl ester, (2Z)-* [723-78-4]
- Heliotridin-9-oic acid**  
See *1H-Pyrrolizine-7-carboxylic acid, 2,3,5,7a-tetrahydro-1-hydroxy-, (1S,7aR)-* [27841-84-5]
- Heliotrine**  
See *Butanoic acid, 2-hydroxy-2-[(1R)-1-methoxyethyl]-3-methyl-, [(1S,7aR)-2,3,5,7a-tetrahydro-1-hydroxy-1H-pyrrolizin-7-yl]methyl ester, (2S)-* [303-33-3]
- Heliotrinic acid**  
(-)- see *Butanoic acid, 2-hydroxy-2-[(1R)-1-methoxyethyl]-3-methyl-, (2S)-* [25039-18-3]
- Heliotrope B**  
See *Phenazinium, 3,7-bis(diethylamino)-5-phenyl-, chloride* [3562-38-7]
- Heliotropic acid**  
See *1,3-Benzodioxole-5-carboxylic acid* [94-53-1]
- Heliotropin**  
See *1,3-Benzodioxole-5-carboxaldehyde* [120-57-0]
- Heliotropism**  
See *Phototropism*
- Heliovicine**  
See *Butanoic acid, 2,3-dihydroxy-2-(1-methyl-ethyl)-, [(1R,7aS)-hexahydro-1H-pyrrolizin-1-yl]methyl ester, (2R,3S)-* [68473-85-8]
- Heliovinine**  
See *Butanoic acid, 2,3-dihydroxy-2-(1-methyl-ethyl)-, [(7aS)-2,3,5,7a-tetrahydro-1H-pyrrolizin-7-yl]methyl ester, (2R,3S)-* [84471-36-3]
- Heliox**  
See *Helium, compounds, mixt. with oxygen* [58933-55-4]
- Helioxanthin**  
See *Furo[3,4':6,7]naphtho[1,2-d]-1,3-dioxol-7(9H)-one, 10-(1,3-benzodioxol-5-yl)-* [18920-47-3]
- Helioxenicin A**  
See *Oxireno[6,7]cyclonona[1,2-c]pyran-4,10-diol, 7-[(1R,2R)-1,2-bis(acetyloxy)-2-[(2R)-3,3-dimethyloxiranyl]ethyl]-1a,2,3,3a,4,7a,8,9,10,10a-decahydro-10-methyl-3-methylene-, 4-acetate, (1aR,3aR,4R,7aS,10S,10aR)-rel-(-)-* [157878-23-4]
- Helioxenicin B**  
See *Oxireno[6,7]cyclonona[1,2-c]pyran-4,10-diol, 7-[(1R,2R)-1,2-bis(acetyloxy)-2-[(2R)-3,3-dimethyloxiranyl]ethyl]-1a,2,3,3a,4,7a,8,9,10,10a-decahydro-10-methyl-3-methylene-, diacetate, (1aR,3aR,4R,7aS,10S,10aR)-rel-(+)-* [157878-24-5]
- Helioxenicin C**  
See *Furo[2,3-b]oxireno[5,6]cyclonona[1,2-d]pyran-5,9-diol, 2-[(2R)-3,3-dimethyloxiranyl]-2,3a,5,5a,6,7,7a,8a,9,10,11,11a-dodecahydro-9-methyl-6-methylene-, (2R,3aS,5S,5aR,7aR,8aR,9S,11aS)-rel-(-)-* [157878-25-6]
- Heliozone**  
See *Hydrocarbon waxes, microcryst.*
- Helipandurin**  
See *2H-Pyran-3-ol, 5-chloro-3,4-dihydro-4-methoxy-2-[3-(2-thienyl)-2-propynylidene]-, (3R,4S)-rel-* [71866-92-7]
- Heliparvifoline**  
See *Furo[2,3-b]quinolin-7-ol, 4,6-dimethoxy-* [59442-99-8]
- Helipterol**  
See *1,6-Nonadien-3-ol, 9-(2,2-dimethyl-6-methylenecyclohexyl)-3,7-dimethyl-* [120852-66-6]
- Helipyrene**  
See *2H-Pyran-2-one, 3,3'-methylenebis[6-ethyl-4-hydroxy-5-methyl-* [29902-01-0]
- Heliquinomycin**  
See *Spiro[benzo[1,2-b:5,4-c']dipyrans-2(3H),2'(3'H)-naphtho[2,3-b]furan]-7-carboxylic*

*acid, 3'-(2,6-dideoxy-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-4,5',8',9'-tetrahydro-3,4',9',10'-tetrahydroxy-7'-methoxy-5',8',9'-trioxo-, methyl ester, (2R,3R,3'R)-* [178182-49-5]

**Heliscabine**

See *2-Butenoic acid, 2-methyl-, [(1S,7R,7aS)-hexahydro-1,7-dihydroxy-1H-pyrrolizin-1-yl]-methyl ester, (2Z)-* [165689-25-8]

**Helisplendidilactone**

See *Spiro[2H-cyclohepta[b]furan-3(3aH),6'-[5,8]-methano[6H]benzo[4,5]cyclohepta[1,2-b]furan]-2,2'(3'H)-dione, 3'a,4,4',5',7,7',8,8',8a,9',10',10'a-dodecahydro-3',5',7,9'-tetramethyl-6-(3-oxobutyl)-, (3S,3'S,3aR,3'aR,5'S,7S,8'S,8aR,9'R,10'aS)-* [122585-85-7]

**Helisplendidolide**

See *Azuleno[6,5-b]furan-2(3H)-one, 3a,4,6,7,9,9a-hexahydro-3,5,8-trimethyl-, (3R,3aR,9aS)-* [72145-15-4]

**Helistat**

See *Collagens*

**Helitenuin**

See *Phenol, 4-chloro-2-(5-ethynyl-2-thienyl)-* [71866-90-5]

**Helitenuone**

See *Ethanone, 1-[5-(5-chloro-2-hydroxyphenyl)-2-thienyl]-* [71866-91-6]

**Helium**

antihelium — see also *Antihelium* [68679-44-7]  
ion ( $\text{He}^{2+}$ ) — see *Alpha particle* [12587-46-1]  
isotope of mass 2 — see also *Proton, di-* [92047-89-7]  
isotope of mass 3, in nuclear reactions, as projectile or emitted particle — see also *Tau particle* [12587-91-6]  
isotope of mass 3 ( $^3\text{He}^{2+}$ ) — see *Tau particle* [12587-91-6]  
isotope of mass 6, mol. ( $^6\text{He}_2$ ) — see *Helium, mol. ( $^6\text{He}_2$ )* [12596-18-8]  
isotope of mass 6, mol. ( $^6\text{HeHe}$ ) — see *Helium, mol. ( $^6\text{HeHe}$ )* [12596-17-7]

**Helium, properties**

laser emission from  
see also  
Laser radiation  
Lasers  
helium

**Helium, uses**

lasers — see also *Lasers, helium*

**Helium-group compounds**

See *Noble gas compounds*

**Helium-group gas compounds**

See *Noble gas compounds*

**Helium-group gases**

See *Noble gases*

**Helivypolide A**

See *2-Butenoic acid, 2-methyl-, (3aS,4R,5Z,7R,9S,10Z,11aR)-2,3,3a,4,7,8,9,11a-octahydro-7,9-dihydroxy-6,10-dimethyl-3-methylene-2-oxocyclodeca[b]furan-4-yl ester, (2Z)-* [185419-30-1]

**Helivypolide B**

See *2-Butenoic acid, 2-methyl-, (3aR,4R,6S,10R,11S,11aS)-2,3,3a,4,5,6,7,10,11,11a-decahydro-10-(hydroxymethyl)-6-methyl-3-methylene-2,7-dioxo-6,11-epoxycyclodeca[b]furan-4-yl ester, (2Z)-* [185419-31-2]

**Heliwet EO 33**

See *Castor oil, ethoxylated*

**Helix (conformation)**

See also narrower:

$\alpha$ -Helix  
Helix-loop-helix  
Helix-turn-helix

**Helix (DNA conformation)**

Valid heading during volumes 126-130 (1997-June 1999) only

See *Helix (conformation), DNA*

**Helix (mollusk)**

The snail genus is indexed at this heading. Helical structures are indexed at such headings as *Helical chains, Helix (DNA conformation); Helix (protein conformation); Macromolecular compounds; Molecular structure. Electrical, magnetic and mechanical coils are indexed at such headings as Coils; Electric coils; Springs (mechanical); Solenoids*

**Helix (protein conformation)**

Valid heading during volumes 126-130 (1997-June 1999) only

See *Helix (conformation), protein*

 **$\alpha$ -Helix**

See also related: *Coiled-coil*

 **$\alpha$ -Helix (protein conformation)**

Valid heading during volumes 126-130 (1997-June 1999) only

See  *$\alpha$ -Helix*

**Helix-coil transition**

See *Conformational transition*

**Helixin C**

See *Nigericin* [28380-24-7]

**Helix-loop-helix**

See also narrower: *EF hand*

**Helix-turn-helix****Helizarin**

See also *Acrylic polymers*

**Hellashrink 15078**

See *Neoprene rubber*

**Hellebore**

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false — see *Veratrum*  
white — see *Veratrum*

**Helleborogenone**

See *Bufa-1,4,20,22-tetraenolide, 14-hydroxy-3-oxo-* [41059-91-0]

**Hellebrigenin**

See *Bufa-20,22-dienolide, 3,5,14-trihydroxy-19-oxo-*, ( $3\beta,5\beta$ )- [465-90-7]

**Hellebrigenol**

See *Bufa-20,22-dienolide, 3,5,14,19-tetrahydroxy-*,

( $3\beta,5\beta$ )- [508-79-2]

**Hellebrin**

See *Bufa-20,22-dienolide, 3-[(6-deoxy-4-O- $\beta$ -D-glucopyranosyl- $\alpha$ -L-mannopyranosyl)oxy]-5,14-dihydroxy-19-oxo-*, ( $3\beta,5\beta$ )- [13289-18-4]

**Hellebritoxin**

See *Bufa-20,22-dienolide, 3-[(8-[(1S)-4-(aminoiminomethyl)amino]-1-carboxybutyl]amino)-1,8-dioxocetyl]oxy]-5,14-dihydroxy-19-oxo-*, ( $3\beta,5\beta$ )- [105330-48-1]

**Heller's soluble phosphate**

See *Metaphosphoric acid ( $\text{H}_6\text{P}_6\text{O}_{18}$ ), hexasodium salt, mixt. with pentasodium (triphosphate)* [39298-70-9]

**Hellicoside**

See  *$\beta$ -D-Glucopyranoside, (2S)-2-(3,4-dihydroxyphenyl)-2-hydroxyethyl 3-O- $\beta$ -D-glucopyranosyl-, 4-[(2E)-3-(3,4-dihydroxyphenyl)-2-propenoate]* [132278-04-7]

**Hellmann-Feynman theorem**

See also related:

Electrostatic force  
Electrostatic potential  
Virial theorem

**Helmanticin**

See *2-Butenoic acid, 2-methyl-, (1S,2R)-2-hydroxy-3-[(1R,2S)-2-(7-methoxy-1,3-benzodioxol-5-yl)-1-methyl-2-[(2Z)-2-methyl-1-oxo-2-butenyl]oxy]ethoxy]-1,2-dimethyl-3-oxopropyl ester, (2Z)-* [98644-25-8]

**Helmatac**

See *Carbamic acid, (5-butyl-1H-benzimidazol-2-yl)-, methyl ester* [14255-87-9]

**Helmcel 100**

See *Cellulose* [9004-34-6]

**Helmholtz double layer**

See *Electric double layer*

**Helmholtz free energy****Helmidur**

See also  
Polyamides  
Polyesters

**Helminth**

See *Parasitic worm*

**Helminthia**

See *Picris*

**Helminthiasis**

See *Worm, infestation with*

**Helminthogermacrene**

See *1,5-Cyclodecadiene, 1,5-dimethyl-8-(1-methylethenyl)-, (1E,5Z,8S)-* [75023-40-4]

**Helminthosporal**

See *Bicyclo[3.2.1]oct-6-ene-6,8-dicarboxaldehyde, 1,7-dimethyl-4-(1-methylethyl)-, (1R,4R,5S,8S)-* [723-61-5]

**Helminthosporic acid**

See *Bicyclo[3.2.1]oct-6-ene-6-carboxylic acid, 8-(hydroxymethyl)-1,7-dimethyl-4-(1-methylethyl)-, (1R,4R,5S,8S)-* [1619-32-5]

**—, dihydro-**

See *Bicyclo[3.2.1]octane-6-carboxylic acid, 8-(hydroxymethyl)-1,7-dimethyl-4-(1-methylethyl)-, (1S,4R,5S,6S,7S,8S)-* [3484-76-2]

**Helminthosporic dicarboxylic acid**

See *Bicyclo[3.2.1]oct-6-ene-6,8-dicarboxylic acid, 1,7-dimethyl-4-(1-methylethyl)-, (1R,4R,5S,8S)-* [16939-86-9]

**Helminthosporin**

See *9,10-Anthracenedione, 1,5,8-trihydroxy-3-methyl-* [518-80-9]

**Helminthosporium**

See also

*Bipolaris*  
*Drechslera*

**Helminthosporium inaequale**

See *Curvularia inaequalis*

**Helminthosporium nodulosum**

See *Cochliobolus nodulosus*

**Helminthosporium setariae**

See *Drechslera setariae*

**Helminthosporium spiciferum**

See *Drechslera spicifera*

**Helminthosporium stenospilum**

See *Cochliobolus stenospilus*

**Helminthosporol**

See *Bicyclo[3.2.1]oct-6-ene-6-carboxaldehyde, 8-(hydroxymethyl)-1,7-dimethyl-4-(1-methylethyl)-, (1R,4R,5S,8S)-* [1619-29-0]

**Helmirazin**

See *Hexanedioic acid, compounds, compd. with piperazine (1:1)* [142-88-1]

**Helmiron**

See *Phosphoric acid, esters, bis(2-chloroethyl) 3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl ester* [321-55-1]

**Helmisan**

See *Benzamide, 2,3,5-trichloro-N-(3,5-dichloro-2-hydroxyphenyl)-6-hydroxy-, mixt. with 2,3,5,6-tetrahydro-6-phenylimidazo[2,1-b]thiazole monohydrochloride* [56560-65-7]

 **$\alpha$ -Helmiscapene**

(-)- see *Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-4a,8-dimethyl-2-(1-methylethenyl)-, (2S,4aR,8aS)-* [66141-13-7]

 **$\beta$ -Helmiscapene**

See *Naphthalene, decahydro-4a-methyl-1-methylenene-7-(1-methylethenyl)-, (4aR,7S,8aR)-* [66141-12-6]

**Helmon**

See *3(2H)-Benzofuranone, 4,6,7-trihydroxy-2-[(4-hydroxyphenyl)methylene]-* [160525-59-7]

**Helodea**

See *Elodea*

**Helodym 88**

See *Pentanoic acid, 4-oxo-, didymium salt* [134547-56-1]

**Helogynic acid**

See *6,10,14-Hexadecatrienoic acid, 10-[(acetyloxy)methyl]-16-hydroxy-14-(hydroxymethyl)-3,6-dimethyl-2-methylene-,*

- (6E,10Z,14E)-[114437-14-8]  
**Helojapoxide**  
 See Cholestan-6-one, 23,24-[(2S,3R,4S,5S,6R)-4,5-bis(acetyloxy)tetrahydro-6-methyl-2H-pyran-3,2-diyl]bis(oxy)]-16,23-epoxy-3-( $\beta$ -D-glucopyranosyloxy)-22-hydroxy-, (3 $\beta$ ,5 $\alpha$ ,16 $\beta$ ,22R,23S,24S)-[142451-70-5]  
**Helon**  
 See Dentifrices  
**Heloniogenin**  
 See Spirost-5-ene-3,12-diol, (3 $\beta$ ,12 $\alpha$ ,25R)-[6869-16-5]  
**Helonioside A**  
 See  $\alpha$ -D-Glucopyranoside, 3,6-bis-O-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]- $\beta$ -D-fructofuranosyl [107647-20-1]  
**Helonioside B**  
 See  $\alpha$ -D-Glucopyranoside, 3,6-bis-O-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]- $\beta$ -D-fructofuranosyl, 6-acetate [107647-21-2]  
**Helonioside C**  
 See  $\alpha$ -D-Glucopyranoside, 6-O-[(2E)-3-(4-( $\beta$ -D-glucopyranosyloxy)-3-methoxyphenyl)-1-oxo-2-propenyl]-3-O-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]- $\beta$ -D-fructofuranosyl [107647-22-3]  
**Helonioside D**  
 See  $\alpha$ -D-Glucopyranoside, 6-O-[(2E)-3-(4-( $\beta$ -D-glucopyranosyloxy)-3-methoxyphenyl)-1-oxo-2-propenyl]-3-O-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]- $\beta$ -D-fructofuranosyl, 6-acetate [107668-85-9]  
**Heloplex**  
 See 1,3-Benzodioxole-5-methanesulfonic acid,  $\alpha$ -hydroxy-, monosodium salt [37589-10-9]  
**Helospectin I** [93438-37-0]  
 H-L-His-L-Ser-L-Asp-L-Ala-L-Thr-L-Phe-L-Thr-  
 1 2 3 4 5 6 7  
 L-Ala-L-Glu-L-Tyr-L-Ser-L-Lys-L-Leu-L-Leu-  
 8 9 10 11 12 13 14  
 L-Ala-L-Lys-L-Leu-L-Ala-L-Leu-L-Glu(NH<sub>2</sub>)-  
 15 16 17 18 19 20  
 L-Lys-L-Tyr-L-Leu-L-Glu-L-Ser-L-Ile-L-Leu-  
 21 22 23 24 25 26 27  
 Gly-L-Ser-L-Ser-L-Thr-L-Ser-L-Pro-L-Arg-  
 28 29 30 31 32 33 34  
 L-Pro-L-Pro-L-Ser-L-Ser-OH  
 35 36 37 38  
**Helothion**  
 See Phosphorodithioic acid, esters, O-ethyl O-[4-(methylthio)phenyl] S-propyl ester [35400-43-2]  
**Helotiales**  
 See Leotiales  
**Helotium cuniculi**  
 See Rutstroemia cuniculi  
**Heloxy 32**  
 See Oxirane, 2,2'-[(1-methyl-1,2-ethanediyl)bis(oxy-methylene)]bis-, homopolymer [30401-87-7]  
**Heloxy 48**  
 See Oxirane, 2,2'-[(2-ethyl-2-[(oxiranylmethoxy)methyl]-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [42765-17-3]  
**Heloxy 62**  
 See Oxirane, [(2-methylphenoxy)methyl]-[2210-79-9]  
**Heloxy 63**  
 See Oxirane, (phenoxymethyl)-, homopolymer [25265-27-4]  
**Heloxy 67**  
 See Oxirane, 2,2'-[1,4-butanediylbis(oxy-methylene)]bis-, homopolymer [29611-97-0]  
**Heloxy 68**  
 See Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [54847-49-3]  
**Heloxy 69**  
 See Oxirane, 2,2'-[1,3-phenylenebis(oxy-methylene)]bis-, homopolymer [29563-13-1]  
**Heloxy 88**  
 See Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [54847-49-3]  
**Heloxy 107**  
 See Oxirane, 2,2'-[cyclohexanediylbis(methyleneoxy-methylene)]bis-, homopolymer [146246-76-6]  
**Heloxy 116**  
 See Oxirane, [(2-ethylhexyl)oxy)methyl]-[2461-15-6]  
**Heloxy 5044**  
 See Oxirane, 2,2'-[(2-methyl-2-[(oxiranylmethoxy)methyl]-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [68795-75-5]  
**Heloxy 5048**  
 See Oxirane, 2,2'-[(2-ethyl-2-[(oxiranylmethoxy)methyl]-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [42765-17-3]  
**Heloxy MK 107**  
 See Oxirane, 2,2'-[1,4-cyclohexanediylbis(methyleneoxy-methylene)]bis-, homopolymer [29357-35-5]  
**Heloxy MK 116**  
 See Oxirane, [(2-ethylhexyl)oxy)methyl]-[2461-15-6]  
**Heloxy RDGE 69**  
 See Oxirane, 2,2'-[1,3-phenylenebis(oxy-methylene)]bis-, homopolymer [29563-13-1]  
**Heloxy WC 65**  
 See Oxirane, [(4-(1,1-dimethylethyl)phenoxy)methyl]-[3101-60-8]  
**Heloxy WC 68**  
 See Oxirane, 2,2'-[(2,2-bis(bromomethyl)-1,3-

- propanediyl)bis(oxy-methylene)]bis-, homopolymer [87868-01-7]  
**Heloxy WC 67**  
 See Oxirane, 2,2'-[1,4-butanediylbis(oxy-methylene)]bis-, homopolymer [29611-97-0]  
**Heloxy WC 68**  
 See Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [54847-49-3]  
**Heloxy WC 69**  
 See Oxirane, 2,2'-[1,3-phenylenebis(oxy-methylene)]bis-, homopolymer [29563-13-1]  
**Heloxy WC 97**  
 See Oxirane, 2,2'-[(2-ethyl-2-[(oxiranylmethoxy)methyl]-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [42765-17-3]  
**Heloxy X 703**  
 See Oxirane, 2,2'-[(2,2-bis(bromomethyl)-1,3-propanediyl)bis(oxy-methylene)]bis-, homopolymer [87868-01-7]  
**HELP 1**  
 See Cellulose, esters, nitrate, mixt. with 1,1'-[ethylidenebis(oxy)]bis[2,2-dinitropropane], hexahydro-1,3,5-trinitro-1,3,5-triazine and 1,1'-[methylenebis(oxy)]bis[2,2-dinitropropane] [211134-77-9]  
**Helper cell**  
 See T cell (lymphocyte), helper cell  
**Helper T cell**  
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 See T cell (lymphocyte), helper cell  
**Helper T-lymphocyte**  
 See T cell (lymphocyte), helper cell  
**Helvecardin A**  
 See 22H-8,11:18,21-Dietheno-23,36-(imino-methano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]-benzoxadiazacyclotetracosine-26-carboxylic acid, 44-[(2-O-(3-amino-2,3,6-trideoxy- $\alpha$ -L-ribo-hexopyranosyl)- $\beta$ -D-glucopyranosyl)-oxy]-22-[(3-amino-2,3,6-trideoxy- $\alpha$ -L-ribo-hexopyranosyl)oxy]-19-chloro-3-(3-chloro-4-hydroxyphenyl)-6-[(2R)-4-[(6-deoxy-2-O-methyl- $\alpha$ -L-mannopyranosyl)oxy]phenyl]-[methylamino]acetyl]amino]-2,3,4,5,6,7,23,24,25,26,36,37,38,38a-tetradecahydro-28,30,32-trihydroxy-7-( $\alpha$ -D-mannopyranosyloxy)-2,5,24,38,39-pentaoxo-, (3S,6R,7R,22R,23S,26S,36R,38aR)-[119979-33-8]  
**Helvecardin B**  
 See 22H-8,11:18,21-Dietheno-23,36-(imino-methano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]-benzoxadiazacyclotetracosine-26-carboxylic acid, 44-[(2-O-(3-amino-2,3,6-trideoxy- $\alpha$ -L-ribo-hexopyranosyl)- $\beta$ -D-glucopyranosyl)-oxy]-22-[(3-amino-2,3,6-trideoxy- $\alpha$ -L-ribo-hexopyranosyl)oxy]-19-chloro-3-(3-chloro-4-hydroxyphenyl)-6-[(2R)-4-[(6-deoxy-2-O-methyl- $\alpha$ -L-mannopyranosyl)oxy]phenyl]-[methylamino]acetyl]amino]-2,3,4,5,6,7,23,24,25,26,36,37,38,38a-tetradecahydro-7,28,30,32-tetrahydroxy-2,5,24,38,39-pentaoxo-, (3S,6R,7R,22R,23S,26S,36R,38aR)-[119979-34-9]  
**Helvetane**  
 See Tridecacyclo[12.10.0.0<sup>2,13</sup>.0<sup>3,12</sup>.0<sup>4,11</sup>.0<sup>5,10</sup>.0<sup>6,9</sup>.0<sup>7,20</sup>.0<sup>8,19</sup>.0<sup>15,24</sup>.0<sup>16,23</sup>.0<sup>17,22</sup>.0<sup>18,21</sup>]tetracosane, stereoisomer [99396-93-7]  
**Helvetia Blue**  
 See Benzenesulfonic acid, [(4-bis[4-[(sulfophenyl)amino]phenyl]methylene)-2,5-cyclohexadien-1-ylidene]amino]-, disodium salt [28983-56-4]  
**Helveticone**  
 See 2,5-Cyclohexadiene-1,4-dione, 2,5-dihydroxy-3-(3,7,11-trimethyl-2,6,10-dodecatrienyl)-[32916-10-2]  
**Helveticoside**  
 See Card-20(22)-enolide, 3-[(2,6-dideoxy- $\beta$ -D-ribo-hexopyranosyl)oxy]-5,14-dihydroxy-19-oxo-, (3 $\beta$ ,5 $\beta$ )-[630-64-8]  
**allo-Helveticoside**  
 See Card-20(22)-enolide, 3-[(2,6-dideoxy- $\beta$ -D-ribo-hexopyranosyl)oxy]-5,14-dihydroxy-19-oxo-, (3 $\beta$ ,5 $\beta$ ,17 $\alpha$ )-[6869-17-6]  
**Helveticosol**  
 See Card-20(22)-enolide, 3-[(2,6-dideoxy- $\beta$ -D-ribo-hexopyranosyl)oxy]-5,14,19-trihydroxy-, (3 $\beta$ ,5 $\beta$ )-[18695-02-8]  
**Helvetium**  
 See Astatine [7440-68-8]  
**Helvolic acid**  
 See 29-Nordammara-1,17(20),24-trien-21-oic acid, 6,16-bis(acetyloxy)-3,7-dioxo-, (4 $\alpha$ ,6 $\beta$ ,8 $\alpha$ ,9 $\beta$ ,13 $\alpha$ ,14 $\beta$ ,16 $\beta$ ,17Z)-[29400-42-8]  
**Helvolinic acid**  
 See 29-Nordammara-1,17(20),24-trien-21-oic acid, 16-(acetyloxy)-7-hydroxy-3,6-dioxo-, (4 $\alpha$ ,7 $\alpha$ ,8 $\alpha$ ,9 $\beta$ ,13 $\alpha$ ,14 $\beta$ ,16 $\beta$ ,17Z)-[10072-61-4]  
**Helxine soleirolia**  
 See Soleirolia soleirolia  
**HEM 5**  
 See Poly(oxy-1,2-ethanediyl),  $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -hydroxy-[25736-86-1]  
**HEM 10**  
 See Poly(oxy-1,2-ethanediyl),  $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -hydroxy-[25736-86-1]  
**Hemagglutination**  
 See also related:  
 Cell aggregation  
 Erythrocyte  
 Hemagglutinins  
**Hemagglutinin-neuraminidase**  
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 See Glycoproteins, specific or class, HN (hemagglutinin-neuraminidase)  
**Hemagglutinins**  
 See also narrower: Phytohemagglutinins  
 See also related: Hemagglutination  
**Hemanthamine**  
 See 3H,6H-5,11b-Ethano[1,3]dioxolo[4,5-j]-

- phenanthridin-12-ol, 4,4a-dihydro-3-methoxy-, (3S,4aS,5S,11bS,12R)-[466-75-1]  
**Hemanthidine**  
 See 3H,6H-5,11b-Ethano[1,3]dioxolo[4,5-j]-phenanthridine-6,12-diol, 4,4a-dihydro-3-methoxy-, (3S,4aS,5S,6S,11bS,12R)-[466-73-9]  
**Hemanthine**  
 See 1H,6H-5,11b-Ethano[1,3]dioxolo[4,5-j]-phenanthridine-1,3-diol, 2,3,4,4a-tetrahydro-7-methoxy-, (1R,3R,4aR,5S,11bS)-[4673-18-1]  
**Hemarthria uncinata**  
 See Hemarthria compressa  
**Hemathannol**  
 See Benzoic acid, 3-formyl-2-hydroxy-4-methoxy-6-methyl-, 3-formyl-2,4-dihydroxy-6-methylphenyl ester [15918-48-6]  
**Hemathannolic acid**  
 See Benzoic acid, 3-formyl-5-[(3-formyl-2-hydroxy-4-methoxy-6-methylbenzoyl)oxy]-2,4-dihydroxy-6-methyl- [16012-59-2]  
**Hematic acid**  
 See 3-Pentene-1,3,4-tricarboxylic acid [577-53-7]  
**Hematin**  
 See Ferrate(2-), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4-)- $\kappa$ N<sup>21</sup>, $\kappa$ N<sup>22</sup>, $\kappa$ N<sup>23</sup>, $\kappa$ N<sup>24</sup>]hydroxy-, dihydrogen, (SP-5-13)-[15489-90-4]  
 **$\beta$ -Hematin**  
 See Hemozoin [39404-00-7]  
**Hematin A**  
 See Ferrate(2-), [7-ethenyl-17-formyl-12-(1-hydroxy-5,9,13-trimethyltetradecyl)-3,8,13-trimethyl-21H,23H-porphine-2,18-dipropanoato(4-)- $\kappa$ N<sup>21</sup>, $\kappa$ N<sup>22</sup>, $\kappa$ N<sup>23</sup>, $\kappa$ N<sup>24</sup>]hydroxy-, dihydrogen, (SP-5-13)-[20910-63-8]  
**Hematinic acid**  
 See 1H-Pyrrole-3-propanoic acid, 2,5-dihydro-4-methyl-2,5-dioxo-[487-65-0]  
**Hematinic acid imide**  
 See 3-Pyrrolidinepropanoic acid, 4-methyl-2,5-dioxo-[3690-17-3]  
**Hematite**  
 brown — see Limonite [1317-63-1]  
**Hematite (Fe<sub>2</sub>O<sub>3</sub>)**  
 See also Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) [1309-37-1]  
**Hematobilirubin**  
 See 21H-Bilene-8,12-dipropanoic acid, 1,10,19,22,23,24-hexahydro-2,17-bis(1-hydroxyethyl)-3,7,13,18-tetramethyl-1,19-dioxo-[83504-28-3]  
**Hematobiliverdin IXa**  
 See 21H-Bilene-8,12-dipropanoic acid, 1,19,22,24-tetrahydro-3,18-bis(1-hydroxyethyl)-2,7,13,17-tetramethyl-1,19-dioxo-[102974-67-4]  
**Hematobiliverdin IX $\beta$**   
 See 21H-Bilene-3,7-dipropanoic acid, 1,19,22,24-tetrahydro-13,18-bis(1-hydroxyethyl)-2,8,12,17-tetramethyl-1,19-dioxo-[83504-29-4]  
**Hematocrit**  
**Hematocyte**  
 See Hemocyte  
**Hematodeanol**  
 See 21H,23H-Porphine-2,18-dipropanoic acid, 7,12-bis(1-hydroxyethyl)-3,8,13,17-tetramethyl-, compd. with 2-(dimethylamino)ethanol (1:1) [63958-65-6]  
**Hemato-encephalic barrier**  
 See Blood-brain barrier  
**Hematohemin IX**  
 See Ferrate(2-), [7,12-bis(1-hydroxyethyl)-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4-)- $\kappa$ N<sup>21</sup>, $\kappa$ N<sup>22</sup>, $\kappa$ N<sup>23</sup>, $\kappa$ N<sup>24</sup>]chloro-, dihydrogen, (SP-5-13)-[15632-20-9]  
**Hematologic diseases**  
 See Blood, disease  
**Hematommic acid**  
 See Benzoic acid, 3-formyl-2,4-dihydroxy-6-methyl- [479-25-4]  
**Hematopoiesis**  
 See also narrower: Erythropoiesis  
 See also related:  
 Blood  
 Blood cell  
 Bone marrow  
 Hematopoietic precursor cell  
 Hematopoietin receptors  
 Hemopoietins  
 Stem cell factor  
**Hematopoietic cell growth factor KL**  
 See Stem cell factor  
**Hematopoietic growth factors**  
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 See Hemopoietins, hematopoietic cell growth factors erythroid differentiation factors — see Activin A [104625-48-1]  
**Hematopoietic precursor cell**  
 See also narrower:  
 Erythroblast  
 Lymphoblast  
 Megakaryocyte  
 Myelocyte  
 See also related:  
 Blood cell  
 Bone marrow  
 CD34 (antigen)  
 Hematopoiesis  
 Liver  
 Spleen  
 Thymus gland  
**Hematopoietic progenitor cell**  
 See Hematopoietic precursor cell  
**Hematopoietic progenitor cell antigen 1**  
 See CD34 (antigen)  
**Hematopoietics**  
 See Hematopoiesis

## Hematopoietic stem cell

## Hematopoietic stem cell

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See Hematopoietic precursor cell, stem

## Hematopoietin receptors

See also narrower: MPL receptor

See also related:

Hematopoiesis

Hemopoietins

## Hematopoietins

See Hemopoietins

## Hematoporphyrin

See Porphyrin

## Hematoporphyrin IX

See 21H,23H-Porphine-2,18-dipropionate acid, 7,12-bis(1-hydroxyethyl)-3,8,13,17-tetramethyl- [14459-29-1]

## Hematoxylin A

See 21H,23H-Porphine-2,18-dipropionate acid, 7,12-bis(1-hydroxyethyl)-3,8,13,17-tetramethyl- [14459-29-1]

## Hematoxylin B

See 6H-Dibenz[b,d]oxocin-7(8H)-one, 3,4,10,11-tetrahydroxy- [137348-16-4]

## Hematin

See 6H-Dibenz[b,d]oxocin-3,4,7,10,11-pentol, 7,8-dihydro-7-(hydroxymethyl)- [137348-17-5]

## Hematuria

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See Urine, hematuria

## Heme

See Ferrate(2-), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [14875-96-8]

## Heme a

See Ferrate(2-), [7-ethenyl-17-formyl-12-(4E,8E)-1-hydroxy-5,9,13-trimethyl-4,8,12-tetradecatrienyl]-3,8,13-trimethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [57560-10-8]

Heme a<sub>2</sub>

See 21H,23H-Porphine-2,18-dipropionate acid, 8-ethenyl-2,3-dihydro-13-(1-hydroxyethyl)-3,7,12,17-tetramethyl- [26758-84-9]

Heme a<sub>3</sub>

See Ferrate(1-), [7-ethenyl-17-formyl-12-(5E,9E,13E)-1-hydroxy-5,9,13,17-tetramethyl-4,8,12,16-octadecatetraenyl]-3,8,13-trimethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [159653-45-9]

## Heme b

See Ferrate(2-), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [14875-96-8]

## Heme c

See Ferrate(4-), [7,12-bis(1S)-1-(2-amino-2-carboxyethylthio)ethyl]-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(6-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, tetrahydrogen, (SP-4-2)- [26598-29-8]

## Heme d

See Ferrate(1-), [(2R,3'R)-7',12'-diethenyl-4,5-dihydro-3'-hydroxy-3',8',13',17'-tetramethyl-5-oxo-spiro[furan-2(3H),2'(3'H)]-21H,23H-porphine]-18'-propanoate(3-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, hydrogen, (SP-4-2)- [60318-31-2]

Heme d<sub>1</sub>

See Ferrate(4-), [17-(2-carboxyethyl)-13-(2-carboxyethyl)-2,3,7,8-tetrahydro-2,7,12,18-tetramethyl-3,8-dioxo-21H,23H-porphine-2,7-diacetate(6-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, tetrahydrogen, (SP-4-2)-[2R-(2α,7α,17(E))]- [59948-35-5]

## Heme l

See Ferrate(2-), [7,12-diethenyl-3,13-bis(hydroxymethyl)-8,17-dimethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [173790-52-8]

## Heme m

See 1,3,5-Triazine-2,4,6-triamine, N,N,N',N',N''-hexamethyl- [645-05-6]

## Hemellitaldehyde

See Benzaldehyde, 2,3-dimethyl- [5779-93-1]

## Hemellitamide

See Benzamide, 2,3-dimethyl- [5580-34-7]

## Hemellitic acid

See Benzoic acid, 2,3-dimethyl- [603-79-2]

## Heme O

See Ferrate(2-), [7-ethenyl-12-(1-hydroxy-5,9,13-trimethyl-4,8,12-tetradecatrienyl)-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen [137397-56-9]

Heme Op<sub>1</sub>

See Ferrate(2-), [7-ethenyl-3,8,13,17-tetramethyl-12-(5,9,13,17-tetramethyl-1,4,8,12,16-octadecapentaenyl)-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2-(all-E))- [160273-83-6]

## Heme Or

See Ferrate(2-), [7-ethenyl-3,8,13,17-tetramethyl-12-(4E,8E)-5,9,13-trimethyl-1,4,8,12-tetradecatetraenyl]-21H,23H-porphine-2,18-dipropionate(2-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [159653-46-0]

## Heme oxygenase

See Oxygenase, heme (decyclizing) [9059-22-7]

## Hemercallin

See 9,10-Anthracenedione, 2,8-dihydroxy-3-

(hydroxymethyl)-1-methoxy- [82868-98-2]

## Hemercallin

See Ethanone, 1,1'-(1,1',8,8'-tetrahydroxy-6,6'-dimethyl[2,2'-binaphthalene]-7,7'-diyl)bis- [99305-33-6]

## Hemercallone

See 8H-1,3-Dioxolo[4,5-g][1]benzopyran-8-one, 7-(2,5-dimethoxyphenyl)-9-methoxy- [82869-19-0]

## Hemercampa pseudotsugata

Douglas-fir tussock moth is also indexed at this heading

## Hemerythrins

## Heme synthetase

See Chelatase, ferro- [9012-93-5]

## Hem Fe

See Ferrate(2-), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-4-2)- [14875-96-8]

## Hemidaphnis polysperma

See Hygrophila polysperma

## Hemialboid

See β-D-Glucopyranoside, (1S)-1-(hydroxymethyl)-2-methyl-2-propenyl [166196-15-2]

## Hemiarisins

See 1,4-Butanediol, 2,3-bis(1,3-benzodioxol-5-ylmethyl)-, monoacetate, (2R,3R)- [112448-60-9]

## Hemiassterlin

See L-Valinamide, N,β,β,1-tetramethyl-L-tryptophyl-N-[(1S,2E)-3-carboxy-1-(1-methylethyl)-2-butenyl]-N,3-dimethyl- [157207-90-4]

## Hemiassterlin A

See L-Valinamide, N,β,β-trimethyltryptophyl-N-[(1S,2E)-3-carboxy-1-(1-methylethyl)-2-butenyl]-N,3-dimethyl- [169181-24-2]

## Hemiassterlin B

See L-Valinamide, N,β,β-trimethyltryptophyl-N-[(1S,2E)-3-carboxy-1-(1-methylethyl)-2-butenyl]-N-methyl- [169181-25-3]

## Hemibastadin 1

See Benzenepropanamide, 3-bromo-N-[2-(3-bromo-4-hydroxyphenyl)ethyl]-4-hydroxy-α-(hydroxymino)-, (αE)- [134981-79-6]

## Hemibastadin 2

See Benzenepropanamide, 3,5-dibromo-N-[2-(3-bromo-4-hydroxyphenyl)ethyl]-4-hydroxy-α-(hydroxymino)-, (αE)- [134981-80-9]

## Hemibastadin 3

See Benzenepropanamide, 3-bromo-N-[2-(3,5-dibromo-4-hydroxyphenyl)ethyl]-4-hydroxy-α-(hydroxymino)-, (αE)- [182806-14-0]

## Hemibastadinol 1

See Benzenepropanamide, 3-bromo-N-[2-(3-bromo-4-hydroxyphenyl)ethyl]-α,4-dihydroxy-, (αS)- [182806-09-3]

## Hemibastadinol 2

See Benzenepropanamide, 3,5-dibromo-N-[2-(3-bromo-4-hydroxyphenyl)ethyl]-α,4-dihydroxy-, (αS)- [182806-11-7]

## Hemibastadinol 3

See Benzenepropanamide, 3-bromo-N-[2-(3,5-dibromo-4-hydroxyphenyl)ethyl]-α,4-dihydroxy-, (αS)- [182806-12-8]

## Hemibourgeanic acid

See Octanoic acid, 3-hydroxy-2,4,6-trimethyl-, (2S,3S,4R,6R)- [42739-08-2]

## Hemibrevetoxin B

See Oxepino[3,2-b]pyrano[2,3':5,6]pyrano[2,3'-f]-oxepin-2-propanal, 9-(3Z)-3,5-hexadienyl]-hexadecahydro-4,10-dihydroxy-5a,10-dimethyl-α-methylene-, (2R,4S,4aS,5aR,7aS,9R,10S,12aR,13aS,14aR)- [122271-91-4]

## Hemicellulose

See also such headings as Pentosans

See also

L-Arabinan [9060-75-7]

D-Galactan [9037-55-2]

D-Mannan [9036-88-8]

Xylan [9014-63-5]

## Hemicholinium

See Morpholinium, 2,2'-[1,1'-biphenyl]-4,4'-diylbis-[2-hydroxy-4,4-dimethyl- [16478-59-4]

## Hemicholinium 3

See Morpholinium, 2,2'-[1,1'-biphenyl]-4,4'-diylbis-[2-hydroxy-4,4-dimethyl-, dibromide [312-45-8]

## Hemicholinium 15

See Morpholinium, 2-hydroxy-4,4-dimethyl-2-phenyl-, bromide [4303-88-2]

## Hemicholinium bromide

See Morpholinium, 2,2'-[1,1'-biphenyl]-4,4'-diylbis-[2-hydroxy-4,4-dimethyl-, dibromide [312-45-8]

## Hemicrania

See Headache, migraine

## Hemicyclone

See 2,4-Cyclopentadien-1-one, 2,5-dimethyl-3,4-diphenyl- [26307-17-5]

## Hemidescin

See β-D-arabino-Hexopyranoside, (3β,14β,20S)-20-(acetyloxy)-14-hydroxypregn-5-en-3-yl 2,6-dideoxy-4-O-(2,6-dideoxy-β-D-ribohexopyranosyl)-3-O-methyl- [155740-24-2]

## Hemidesminin

See 7H-Pyrano[2,3-g]-1,4-benzodioxin-7-one, 2,3-dihydro-2-(3-hydroxy-1-propenyl)-3-(3,4,5-trimethoxyphenyl)- [136051-40-6]

## Hemidin

See β-D-xylo-Hexopyranoside, (3β,14β,20S)-14,20-dihydroxypregn-5-en-3-yl 2,6-dideoxy- [132831-02-8]

## Hemiglobins

See Hemoglobins, methemoglobins

## Hemigossypol

See 1-Naphthalenecarboxaldehyde, 2,3,8-trihydroxy-6-methyl-4-(1-methylethyl)- [40817-07-0]

## Hemigossypolone

See 1-Naphthalenecarboxaldehyde, 5,8-dihydro-2,3-dihydroxy-6-methyl-4-(1-methylethyl)-5,8-

dioxo- [35688-47-2]

## p-Hemigossypolone

See 1-Naphthalenecarboxaldehyde, 5,8-dihydro-2,3-dihydroxy-6-methyl-4-(1-methylethyl)-5,8-dioxo- [35688-47-2]

## Hemileiocarpin

See 2H,6H-Benzofuro[3,2-c]pyrano[2,3-h][1]-benzopyran, 6a,11a-dihydro-9-methoxy-2,2-dimethyl-, (6aS-cis)- [66446-92-2]

## Hemiloline

See 2,4-Methano-4H-furo[3,2-b]pyrrole, hexahydro-, (2S,3aS,4S,6aS)- [29079-42-3]

## Hemimellitene

See Benzene, 1,2,3-trimethyl- [526-73-8]

## Hemimellitene-4,6-diol

See 1,3-Benzenediol, 4,5,6-trimethyl- [5700-67-4]

## 2,3,4-Hemimelliteneol

See Phenol, 2,3,4-trimethyl- [526-85-2]

## 3,4,5-Hemimelliteneol

See Phenol, 3,4,5-trimethyl- [527-54-8]

## Hemimellitic acid

See 1,2,3-Benzenetricarboxylic acid [569-51-7]

## Hemimellitol

See Benzene, 1,2,3-trimethyl- [526-73-8]

## Hemin

See Ferrate(2-), chloro[7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-5-13)- [16009-13-5]

## Hemin a

See Ferrate(2-), [7-ethenyl-17-formyl-12-(1-hydroxy-5,9,13-trimethyltetradecyl)-3,8,13-trimethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen [18535-39-2]

Hemin a<sub>2</sub>

See Ferrate(2-), [7-ethenyl-17-formyl-12-(1-hydroxy-5,9,13-trimethyltetradecyl)-3,8,13-trimethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen [18535-39-2]

## Hemin C

See Ferrate(4-), [7,12-bis[1-(2-amino-2-carboxyethylthio)ethyl]-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(6-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, tetrahydrogen [26219-53-4]

## Heminevrin

See 1,2-Ethanedisulfonic acid, compd. with 5-(2-chloroethyl)-4-methylthiazole (1:2) [1867-58-9]

## Hemin I

See Ferrate(2-), chloro[12,17-diethenyl-3,8,13,18-tetramethyl-21H,23H-porphine-2,7-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-5-13)- [95097-93-1]

## Heminigerone

See 4H-Naphtho[2,3-b]pyran-4-one, 5-hydroxy-6,8-dimethoxy-2-methyl- [17276-15-2]

## Hemin III

See Ferrate(2-), chloro[8,12-diethenyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-5-13)- [70697-39-1]

## Heminitidulan

See Phenol, 2-[3,4-dihydro-8-methyl-8-(4-methyl-3-pentenyl)-2H,8H-benzo[1,2-b:3,4-b']dipyrans-3-yl]-5-methoxy- [66446-90-0]

## Hemin IX

See Ferrate(2-), chloro[7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-5-13)- [16009-13-5]

## Heminortoxiferine

See Curan-17-al, 19,20-didehydro-, (19E)- [6879-70-5]

## Hemins

## Hemin XIII

See Ferrate(2-), chloro[7,13-diethenyl-3,8,12,17-tetramethyl-21H,23H-porphine-2,18-dipropionate(4-)-κN<sup>21</sup>,κN<sup>22</sup>,κN<sup>23</sup>,κN<sup>24</sup>]-, dihydrogen, (SP-5-13)- [70697-38-0]

## Hemipelagic sediments

See Hemipelagic sediments

## Hemiphloin

See 4H-1-Benzopyran-4-one, 6-β-D-glucopyranosyl-2,3-dihydro-5,7-dihydroxy-2-(4-hydroxyphenyl)-, (2S)- [3682-03-9]

## Hemiphroside A

See β-D-Glucopyranoside, 2-(3-hydroxy-4-methoxyphenyl)ethyl 3-O-β-D-glucopyranosyl-, 4-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-2-propenoate] [165338-27-2]

## Hemiphroside B

See β-D-Glucopyranoside, 2-(3,4-dihydroxyphenyl)ethyl 3-O-(6-O-acetyl-β-D-glucopyranosyl)-, 4-[(2E)-3-(3,4-dihydroxyphenyl)-2